

**CRANE & HOIST SERVICES** 

# RAISE RELIABILITY AND OPERATIONAL PERFORMANCE

## **Expert Services Lighten Heavy Burden**

Crane maintenance and certifications are vitally important to the safety and productivity of heavy equipment industries. Lifting and precisely relocating loads measured in tons is routine, yet one false move or part failure can put an entire operation at risk. Keeping cranes and hoists operating safely and reliably requires a unique combination of people, processes, and technology.

Specially trained ATS Crane & Hoist Services personnel provide the expert attention these critical machines need. Supported by our comprehensive training and development program, the technicians are recertified every three years to be qualified inspectors. This ensures they are fully capable of providing services such as crane and hoist procurement, inspection, maintenance, and certification; parts sourcing, repairs, and rebuilds; load testing support; and installation of collision avoidance systems and condition monitoring sensors.

Detailed, technology-driven processes help to keep crane and hoist fleets in top lifting condition, whether replacing chains, repairing pendants, or rebuilding purposebuilt motors. To further avert equipment failures, all activity is proactively tracked in a Computerized Maintenance Management System (CMMS), key metrics are reported in monthly meetings, and our extensive supply network ensures parts are available or can be quickly acquired in an emergency.

Imagine the safety and cost savings possible from results like these. Whether provided as standalone or paired with other reliability-centered industrial maintenance and MRO services, fine-tuned by ATS over three decades, our Crane & Hoist Services are designed to reduce risks by optimizing uptime, reliability, and performance.

RELIABILITY Downtime Hours Mean Time Between Failure Mean Time to Repair PM Completion Critical Finds

## **Base System Metrics**



Live Safety Processes Beyond Zero Culture Safety Dashboards



Cost Avoidance Continuous Improvement

## OUR CORE



# **Solution Overview**

### SUPPLY CHAIN MANAGEMENT

Crane and Hoist Sourcing Parts Sourcing Parts Repair, Rebuild, and Reengineering



Customer Specific Automatically Generated Visible Within Dashboard

#### ASSET MANAGEMENT

Crane and Hoist Certification Initial, Periodic, and Annual Inspection Crane, Hoist, and Jib Maintenance Component and Parts Repair and Replacement Load Test Requirement Specification Collision Avoidance System Installation Sensor-Based Machine Health Monitoring



Inspection Processes Preventive and Corrective Maintenance Processes Escalation Processes Planning and Scheduling Processes Continuous Improvement Processes ISO and QS Certification Processes Historical Maintenance Tracking Maintenance Metrics Charting and Reporting

# PEOPLE

Technical Expertise Certified Qualified Inspectors Triennial Recertification Crane Inspection Training Safe Rigging Practices Training Resource Staffing

### - PROCESS & PROCEDURES

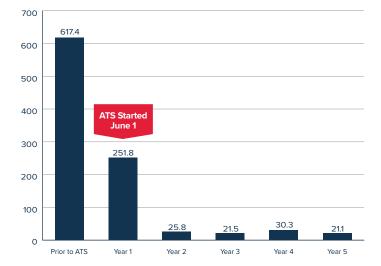
Statement of Work ATS Operating System Preventive Maintenance Checklist Safety Standards Quality Standards Training Matrix Continuous Improvement Methodology

### ATS CMMS SOFTWARE

Web Enabled Customer Accessible

# CUSTOMER CASE STUDY

AVERAGE DOWNTIME HOURS PER MONTH



## **Proven Capabilities Drive Value**

One company struggling with crane reliability chose ATS after experiencing an average of 617 downtime hours per month. Within the first 6 months, the average monthly downtime was reduced to 252 hours. In the subsequent four years, when its cranes and hoists were fully being managed and serviced by ATS, the average monthly downtime was drastically minimized to under 30 hours.